



*Water velocity is measured during a routine monitoring exercise.*

**Award Amount**

\$266,990

**Watershed**

Dry Creek Watershed

**County**

Placer and Sacramento Counties

**CALFED Region**

Sacramento Valley Region

**Legislative Districts**

US Congress: 4

State Assembly: 4, 9, and 10

State Senate: 1, 4, and 6

**Purpose**

Develop technical and community support for watershed planning and plan implementation, and programs for long-term stewardship that can be transferred to similar, nearby watersheds.

**Project Goals**

- Develop ongoing watershed education for the community.
- Provide water quality monitoring services.
- Develop GIS information and data management to support planning and adaptive management.
- Develop organizational capacity to support ongoing planning and adaptive management.

**Benefits to the CALFED Program**

*The Ecosystem Restoration Program (ERP) designates Dry Creek as part of the American River Basin Ecological Management Zone, contributing to one of the Delta's largest tributaries. The ERP identifies coordinated resource management and planning groups (CRMPs) as integral to the restoration of the Sacramento River Watershed. The Dry Creek Watershed Council is working to implement several Watershed Program and ERP goals for the American River Basin, including recovery of Central Valley steelhead and fall-run Chinook salmon, restoration of ecological habitats, reducing fine sediment loading, and supporting the development of locally sponsored watershed planning. Conservation is a locally driven activity that recognizes that communities must engage in collective behavior that improves natural systems at the local level.*

## Project Overview

This project consists of four groups of activities to improve management of the Dry Creek Watershed, a tributary to the Sacramento River. These activities are the result of ongoing discussions with state agencies and interested local parties in the Dry Creek Watershed.

**Stewardship.** Stewardship includes the Citizen Steward Program, which establishes a forum for the public to learn about watershed management and restoration, and the Sierra College Watershed Ecology Technician Program. Together these programs train interested individuals to do watershed assessment, monitoring, restoration, and ongoing maintenance.

**Data Management.** Data management focuses on developing a GIS database of watershed information to discover relationships among biological data, geomorphology, land use, and other features of the watershed. Existing data from visual assessments, macroinvertebrate monitoring, fish surveys, and habitat typing information are being expanded. Dry Creek Conservancy is researching the usefulness of integrating remote imagery into the database. GIS data and interpretation are shared within and outside the watershed and will contribute to the management plans being developed by Placer County and the City of Roseville.

**Project Development.** Project development activities support Dry Creek Conservancy contributions to stream and wetlands restoration projects, development of a watershed center, organization of cooperative flow monitoring with the Placer County Flood Control District and the City of Roseville, and completion of a visual assessment of erosion and deposition on Dry Creek.

**Organizational Capacity Building.** Organizational capacity building provides administrative support for the Dry Creek Conservancy to facilitate project development and funding.



*Volunteers chip aianthus trees removed from a riparian area in Roseville.*

## Contact Information

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